

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/010634

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C51/43 C07C53/126

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 415 697 A (UNICHEMA CHEMIE BV) 6 March 1991 (1991-03-06) the whole document -----	1-27
X	WO 96/02619 A (HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN) 1 February 1996 (1996-02-01) the whole document -----	1-27
A	WO 99/20722 A (THE PROCTOR & GAMBLE COMPANY) 29 April 1999 (1999-04-29) the whole document -----	25-27
A	EP 0 492 507 A (KAO CORPORATION) 1 July 1992 (1992-07-01) the whole document -----	25-27

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

22 February 2005

Date of mailing of the international search report

04/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax. (+31-70) 340-3016

Authorized officer

Slootweg, A

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/010634

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0415697	A	06-03-1991	NL	8902182 A		18-03-1991
			AT	109449 T		15-08-1994
			AU	637627 B2		03-06-1993
			AU	6134690 A		07-03-1991
			CA	2025345 A1		01-03-1991
			DD	297396 A5		09-01-1992
			DE	69011242 D1		08-09-1994
			DE	69011242 T2		08-12-1994
			EP	0415697 A2		06-03-1991
			US	5347023 A		13-09-1994

WO 9602619	A	01-02-1996	DE	4425180 A1		18-01-1996
			CN	1150448 A ,C		21-05-1997
			DE	59508959 D1		15-02-2001
			WO	9602619 A1		01-02-1996
			EP	0771345 A1		07-05-1997
			ES	2153505 T3		01-03-2001
			JP	10502654 T		10-03-1998
			US	5917097 A		29-06-1999

WO 9920722	A	29-04-1999	BR	9813264 A		26-12-2000
			CA	2306908 A1		29-04-1999
			CN	1283219 T		07-02-2001
			EP	1025190 A2		09-08-2000
			JP	2001520304 T		30-10-2001
			WO	9920722 A2		29-04-1999
			US	2003100469 A1		29-05-2003
			US	2003236180 A1		25-12-2003
			US	6395701 B1		28-05-2002

EP 0492507	A	01-07-1992	JP	4281084 A		06-10-1992
			JP	4281085 A		06-10-1992
			JP	4281086 A		06-10-1992
			JP	4281087 A		06-10-1992
			JP	4308289 A		30-10-1992
			JP	1959186 C		10-08-1995
			JP	4327279 A		16-11-1992
			JP	6089517 B		09-11-1994
			CA	2048128 A1		29-06-1992
			EP	0492507 A1		01-07-1992
			FI	913447 A		29-06-1992
			KR	9309269 B1		25-09-1993
			MX	9100439 A1		01-07-1992
			US	5288369 A		22-02-1994
